MONO COUNTY TRI-VALLEY GROUNDWATER MANAGEMENT DISTRICT

123B Valley Road Chalfant, California 93514

BOARD OF DIRECTORS:

Greg Allen, Chairperson Don Moss, Vice-Chairperson Geri Bassett, Secretary Carol Ann Mitchell Ed Parkinson Josh Rhodes Matt Doonan

Rhonda Duggan, Mono County District 2 Supervisor (Ex-Officio Member)

SPECIAL MEETING AGENDA Wednesday, March 26, 2025 at 6:30 p.m. Chalfant Community Center Chalfant, CA 93514

Mission: The mission of the Tri-Valley Groundwater Management District is to comply with the California Sustainable Groundwater Management Act (SGMA)* of 2014 and other applicable laws (government code, water code etc.) as the law pertains to the District. Core Vision: To preserve the groundwater within the boundaries of the District (Chapter 844 of 1989 California Statutes).

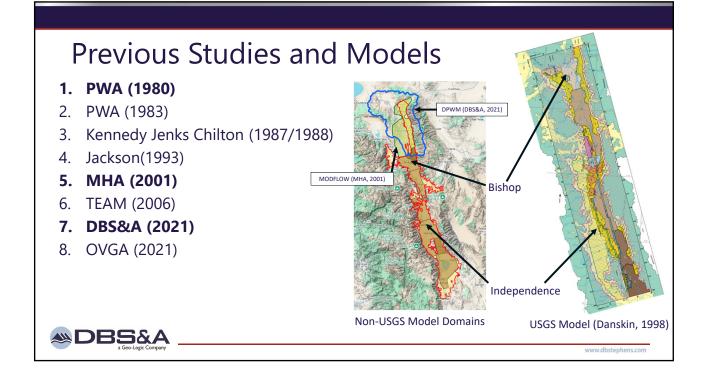
- 1. Advisory Board. A. Report.
- 2. Public Comment.
- 3. Update on the Mono County Tri-Valley Groundwater Model Project.
- 4. Adjournment to Wednesday, June 4, 2025, 6:30 p.m. at the Benton Community Center.

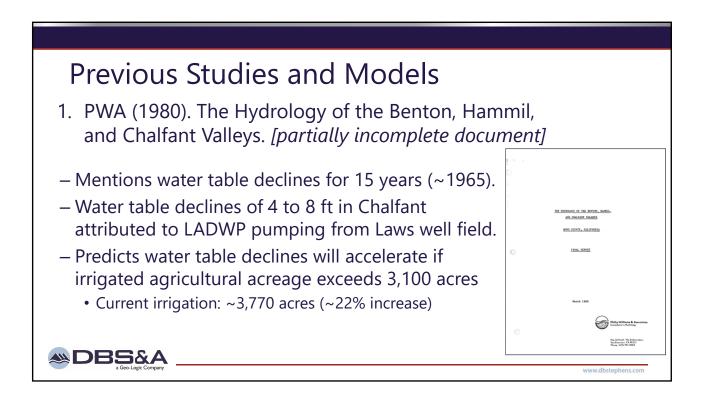


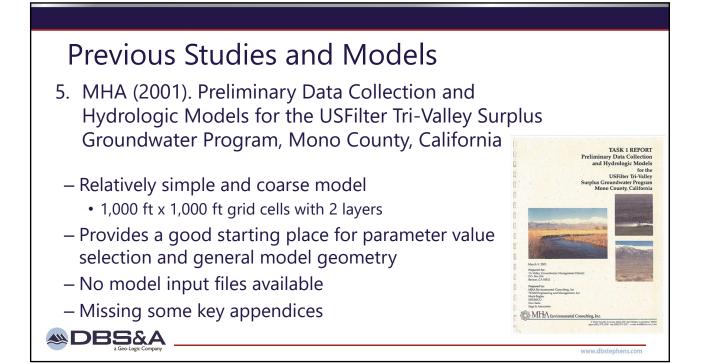
Presentation Overview

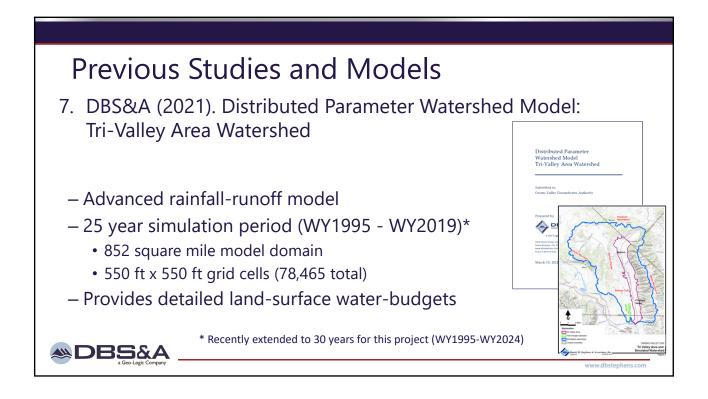
- 1) Previous Studies and Models
- 2) Data Summary
 - i. Well Logs
 - ii. Water Levels
 - iii. Other Datasets
- 3) Proposed Groundwater Model Approach

www.dbstephens.com





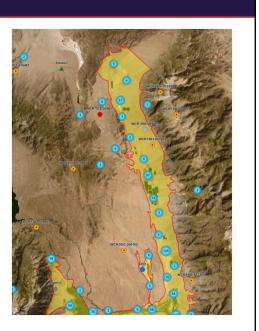




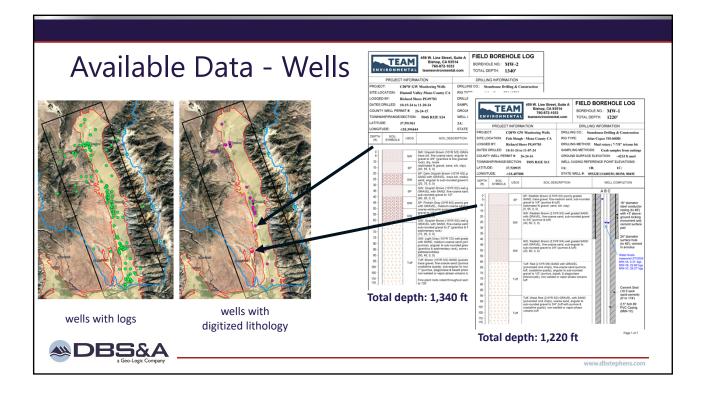
Available Data

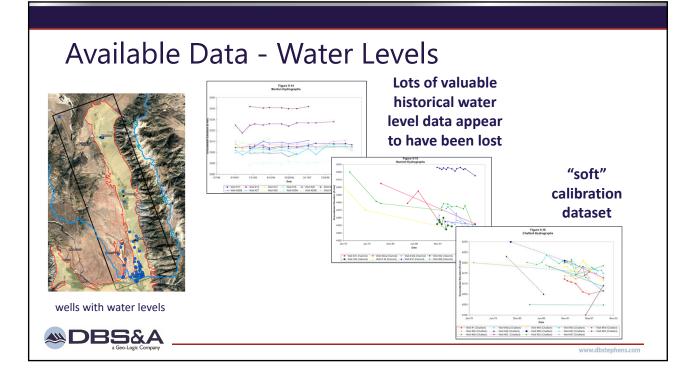
- DBS&A maintains a database for SGMA-related data for the OVGA.
- Data can be made publicly visible or only shown to users with login credentials.
- <u>https://owens.gladata.com/</u>

MBS&A



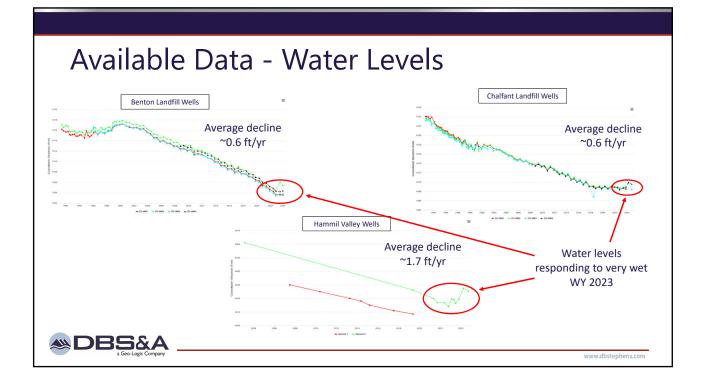
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Available Data - Water Levels

DRAFT	non-LADWP Wells				LADWP Wells			
	Well Name	minDate	maxDate	Records	Well Name	minDate n	maxDate	Records
	B1	11/1/2011	1/9/2025	30	T107	1/13/1998	9/17/2024	335
	BT-MW1	10/15/1994	11/13/2023	68	T276A	11/2/2017	7/18/2024	21
	BT-MW2	10/15/1994	10/28/2024	69	T311B	6/18/1998	9/12/2024	138
	BT-MW3	10/15/1995	10/28/2024	66	T312A	5/22/1999	7/18/2024	32
	BT-MW4	11/5/2008	10/28/2024	33	T313A	10/17/1994	9/17/2024	353
	C1	11/1/2011	1/10/2025	30	T328A	11/2/2017	7/18/2024	21
	CH-MW1	10/15/1994	11/13/2023	66	Т397	10/12/1994	9/17/2024	596
	CH-MW2	10/15/1994	11/13/2023	67	T435	10/17/1994	9/17/2024	315
	CH-MW3	10/15/1994	10/28/2024	70	T493	10/17/1994	2/19/2004	121
	CH-MW4	11/6/2008	10/28/2024	33	T494	7/24/1995	9/17/2024	169
A CONTRACT OF A	FS-1	2/4/1998	9/27/2023	138	T577	10/17/1994	9/17/2024	358
	FS-2	2/4/1998	9/27/2023	143	T578	5/28/1998	9/12/2024	146
	FS-3D	10/10/2019	1/8/2024	602	T579	4/16/1998	9/12/2024	103
	FS-3S	10/10/2019	1/8/2024	602	T605	6/4/1999	9/17/2024	134
	FS-4	3/3/1998	12/31/2008	24	T606	10/17/1994	9/17/2024	357
	Hammil 1	7/7/2007	5/23/2019	7	Т698	5/22/1999	7/18/2024	40
States A Contact	Hammil 2	3/1/2003	10/2/2024	12	Т699	10/30/1997	7/18/2024	53
Con adapter	Rpete	10/27/2015	12/20/2016	11	T701	10/5/1995	7/23/2024	32
					T702	10/16/1995	9/17/2024	327
	T10000001785 MW-1	8/26/2008	12/8/2015	18	T705	10/17/1994	9/18/2024	332
	T10000001785 MW-2	8/26/2008	12/8/2015	18	T734	10/24/1994	7/23/2024	58
	110000017051000 2	0/20/2000	12,0,2015	10	T735 T795	10/24/1994	9/17/2024	323
	T10000001785 MW-3	10/1/2010	12/8/2015	16	T835	10/17/1994 1/18/2001	9/12/2024	625
							9/17/2024	338
	T10000001785 MW-4	10/1/2010	12/8/2015		T836	5/21/2001	9/17/2024	222
🔊 DBS&A	Zack	12/4/1994	9/27/2023	161	T883	4/15/2005	9/17/2024	277
a Geo-Logic Company					T978D	1/6/2021	1/8/2024	576
					T978S	1/6/2021	1/8/2024	576



Available Data - ET

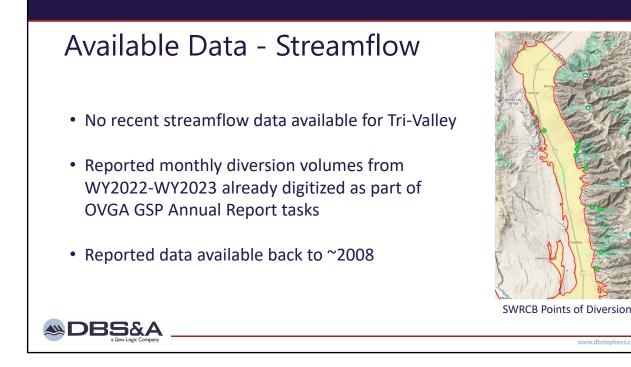
- No direct groundwater pumping data except from LADWP wells in Chalfant
- Can estimate groundwater usage using:
 - Agricultural water balance model

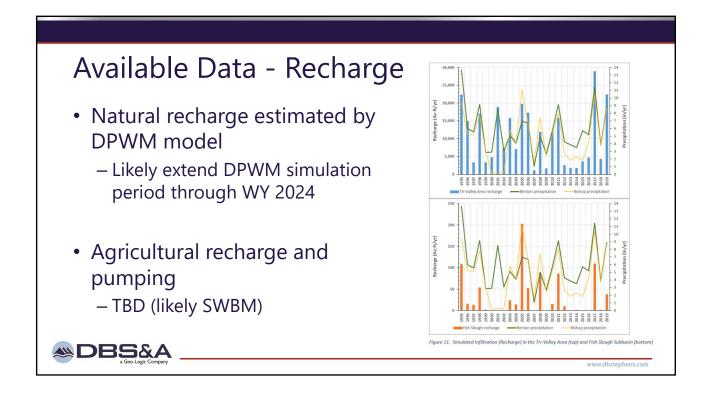
MBS&A

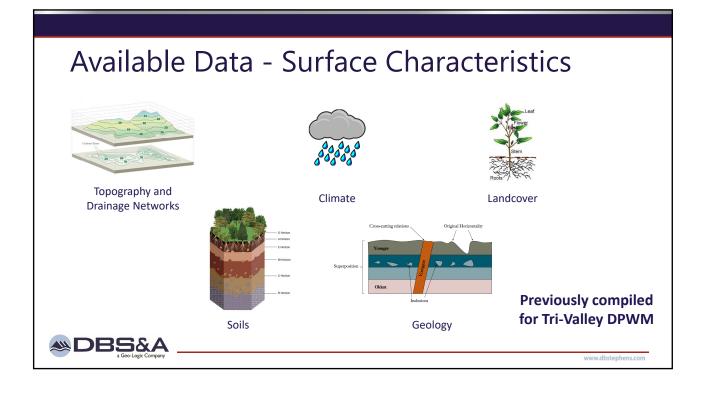
 ET calculated using satellites (more complicated when surface water is used also)

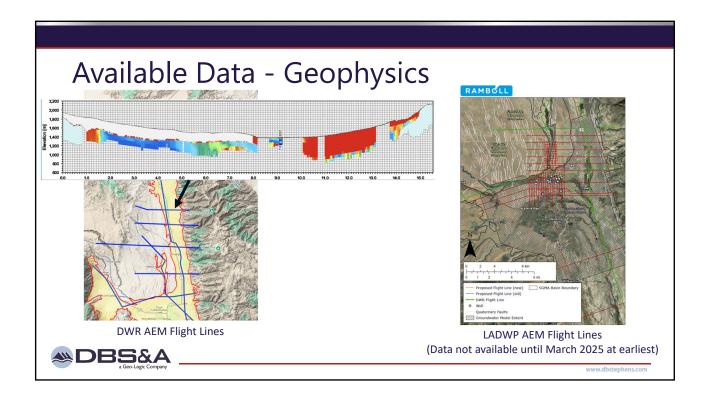


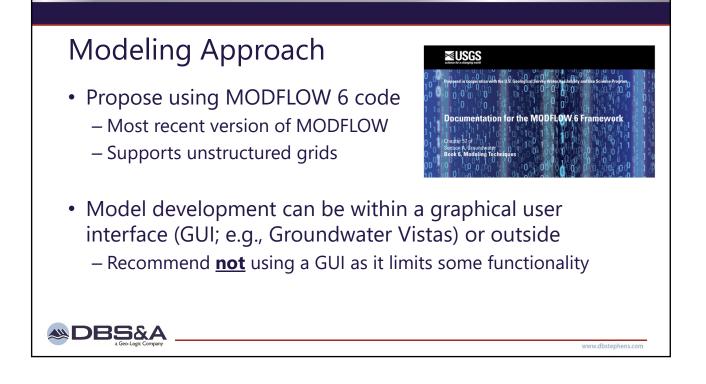
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Modeling Approach Summary

- Proposed Simulation Period: WY1995 WY2024 (30 years)
- Discretization: TBD and variable (~1,000 ft maximum)
- Boundary Conditions:
 - Fish Slough Spring Complex (Drain package)
 - Natural Recharge (DPWM + RCH + SFR)
 - Agricultural Recharge (SWBM + RCH)
 - Mountain Front Recharge (DPWM + calibration)
 - Pumping (Open ET + SWBM)
 - Inflows from Nevada and Adobe Valley (GHB)
 - Constant Head (Owens River)



